What is claimed is:

1. A method of operating a power line communication system (PLCS) comprised of an electrical power distribution network (EPDN) and a plurality of power line network elements coupled to the EPDN at different locations, the method comprising:

receiving network element information relating to the plurality of the power line network elements; and

storing said network element information in a memory,

wherein said network element information comprises an address and information identifying the network element.

- 2. The method of claim 1, wherein said network information further comprises information relating to the physical location of the network element.
- 3. The method of claim 1, wherein said network element address comprises an IP address.
- 4. The method of claim 3, wherein said network element address comprises a MAC address.
- 5. The method of claim 1, wherein said network element address comprises a MAC address.
- 6. The method of claim 1, further comprising transmitting a device address to a network element.

- 7. The method of claim 6, wherein said device address is an IP address.
- 8. The method of claim 6, wherein said device address is an address for a low voltage interface of the network element.
- 9. The method of claim 1, further comprising transmitting a subnet mask to a network device.
- 10. The method of claim 1, further comprising transmitting customer information to a network device.
- 11. The method of claim 1, wherein the customer information is transmitted, at least in part, via the EPDN.
- 12. The method of claim 10, wherein said customer information comprises an encryption key.
- 13. The method of claim 10, wherein said customer information comprises data filtering information.
- 14. The method of claim 10, wherein said customer information comprises a user device address.

- 15. The method of claim 10, wherein said customer information comprises a subscription level.
- 16. The method of claim 1, further comprising transmitting a DNS address to a network element.
- 17. The method of claim 1, further comprising transmitting a registration server address to a network element.
 - 18. The method of claim 1, further comprising:
 receiving a notification of a new user device; and
 storing information of said notification in a memory.
- 19. The method of claim 1, wherein the receiving comprises communication of the notification, at least in part, via the EPDN.
 - 20. The method of claim 1, further comprising: receiving user information;
 receiving payment information; and storing said user information.
- 21. The method of claim 20, wherein the receiving comprises communication of said user information, at least in part, via the EPDN.

- 22. The method of claim 20, wherein said user information comprises a user name and a user address.
- 23. The method of claim 20, further comprising transmitting an activation notice to a network element servicing the user.
 - 24. The method of claim 1, further comprising:
 identifying a power outage on the EPDN; and
 determining a location associated with the power outage.
- 25. The method of claim 24, wherein said determining comprises receiving power outage information of the EPDN wherein said power outage information is communicated, at least in part, via the EPDN.
- 26. The method of claim 24, further comprising transmitting information of the power outage and information relating to the location of the power outage.
- 27. The method of claim 1, further comprising receiving information of an unauthorized attempt to access the PLCS.
- 28. The method of claim 1, further comprising receiving a request for permission to access the PLCS.
- 29. The method of claim 1, further comprising receiving a request for an address from a network element.

- 30. The method of claim 29, further comprising:

 determining an address for the network element; and
 transmitting said address to the network element.
- 31. The method of claim 30, wherein said address is transmitted, at least in part, via the EPDN.
 - 32. The method of claim 1, further comprising:

 determining an address for the network element; and
 transmitting said address to the network element.
- 33. The method of claim 1, further comprising transmitting a command to download software to a network element.
- 34. The method of claim 33, wherein said command is transmitted, at least in part, via the EPDN.
- 35. The method of claim 33, further comprising transmitting a file name and address for downloading the software.
 - 36. The method of claim 35, further comprising:

 receiving a request for software from the network element; and

transmitting the software to the network element in response to the request for software.

- 37. The method of claim 36, further comprising transmitting a command to use the transmitted software.
 - 38. The method of claim 1, further comprising:

 receiving a request for software from a network element; and

 transmitting the software to the network element in response to
 the request for software.
- 39. The method of claim 38, further comprising transmitting a command to use the transmitted software.
 - 40. The method of claim 1, further comprising: receiving an out of limit notification; and storing said out of limit notification in memory.
- 41. The method of claim 1, further comprising transmitting a time synchronization command to a network element wherein said time synchronization command comprises time information.
- 42. The method of claim 41, wherein said time synchronization command is transmitted, at least in part, via the EPDN.

- 43. The method of claim 1, further comprising transmitting a command for measurement intervals.
- 44. The method of claim 1, further comprising transmitting a request for data to a network element device.
- 45. The method of claim 44, wherein said request is transmitted, at least in part, via the EPDN.
- 46. The method of claim 44, wherein said requested data comprises the amount of data communicated by the network element device.
- 47. The method of claim 44, wherein said requested data comprises the amount of data received by a user device.
- 48. The method of claim 44, wherein said requested data comprises temperature data.
- 49. The method of claim 44, wherein said requested data comprises voltage data.
- 50. The method of claim 49, wherein said voltage data is based on at least one low voltage measurement by the network element device.
 - 51. The method of claim 49, wherein the voltage data comprises time data.

- 52. The method of claim 44, wherein said requested data comprises electrical current data.
 - 53. The method of claim 44, further comprising: receiving said requested data; and storing said requested data.
 - 54. The method of claim 1, further comprising:

 receiving a request from a user to filter data; and

 transmitting filtering information based on said filter data to a
 network device.
- 55. The method of claim 1, further comprising transmitting a reset command to a network element.
- 56. The method of claim 55, wherein said command is transmitted, at least in part, via the EPDN.
- 57. A computer program for operating a power line communication system (PLCS) comprised of an electrical power distribution network (EPDN) and a plurality of power line network elements coupled to the EPDN at different locations, the program comprising:

a code segment for transmitting a request for data to a network element, at least in part, via the EPDN;

a code segment for receiving and storing said response to said request for data;

a code segment for transmitting a command to a network element, at least in part, via the EPDN; and

a code segment for storing information identifying the network element, an address of the network element, and the physical location of the network element.

- 58. The computer program of claim 57, wherein said command comprises is a reset command.
- 59. The computer program of claim 57, wherein said command comprises a time synchronization command.
- 60. The computer program of claim 57, wherein said command comprises a DNS address.
 - 61. The computer program of claim 57, further comprising:
 - a code segment for determining an IP address for a network element; and
 - a code segment for transmitting said IP address to the network element.
- 62. The computer program of claim 57, further comprising a code segment for transmitting customer information to a network device.

- 63. The computer program of claim 62, wherein said customer information comprises an encryption key.
- 64. The computer program of claim 62, wherein said customer information comprises a subscription level.
 - 65. The computer program of claim 57, further comprising:

 a code segment for receiving user information;

 a code segment for receiving payment information; and
 a code segment storing said user information.
- 66. The computer program of claim 57, further comprising a code segment for identifying a power outage.
- 67. The computer program of claim 61, wherein the network element comprises a coupler configured to communicatively couple to a street light.
- 68. A method of operating a power line communication system (PLCS) comprised of an electrical power distribution network (EPDN) and a plurality of power line network elements coupled to the EPDN at different locations, the method comprising:

storing said network element information in a memory wherein said network element information comprises an address and information identifying the network element;

transmitting a request for data to a network element, at least in part, via the EPDN;

receiving a response from said request;
storing at least a portion of said response; and
transmitting a command to a network element; at least in part, via the EPDN.

69. The method of claim 68, further comprising:

receiving user information;

receiving payment information; and

storing said user information.

- 70. The method of claim 68, wherein said command comprises a reset command.
- 71. The method of claim 68, wherein said command comprises a time synchronization command.
- 72. The method of claim 68, wherein said command comprises a DNS address.
 - 73. The method of claim 68, further comprising:

 determining an IP address for a network element; and

 transmitting said IP address to the network element, at least in
 part, via the EPDN.

- 74. The method of claim 68, further comprising transmitting customer information to a network device.
- 75. The method of claim 74, wherein said customer information comprises an encryption key.
- 76. The method of claim 74, wherein said customer information comprises a subscription level.
 - 77. The method of claim 68, further comprising:

receiving user information;

receiving payment information; and

storing said user information.

78. The computer program of claim 68, further comprising identifying a power outage.